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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

Complete if Known				
Application Number	10/725,140			
Filing Date	December 1, 2003			
First Named Inventor	Henry L. Restarick			
Art Unit	3672			
Examiner Name	Bomar, Thomas S.			
Attorney Docket Number	2003-IP-011683 U1 USA			

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Examiner nitials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
100		Number-Kind Code <sup>2 (fr known)</sup>			Tigues repeat
740		<sup>US-</sup> 3,640,341	02-08-1972	Braddick, et al.	
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Examiner Initials*		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (# known)	Country Code <sup>3</sup> Number <sup>4</sup> 'Kind Code <sup>3</sup> (if known)			Or Relevant Figures Appear		
	-	GB 2345933	07-26-2000	Smith International, Inc.		
SHB		GB 1165190	09-24-1969	Texaco Development Corp.		
AB	ļ	EP 0945586	09-29-1999	Halliburton Energy Serv.		L

Examiner Date Signature Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). <sup>3</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language

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\* Already cited on Form 1449 dated 1/22/04.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** 10/725,140 INFORMATION DISCLOSURE **Filing Date** December 1, 2003 STATEMENT BY APPLICANT First Named Inventor Henry L. Restarick Art Unit 3672 (Use as many sheets as necessary) **Examiner Name** Bomar, Thomas S. Attorney Docket Number Sheet 2 2 2003-IP-011683 U1 USA of

Examiner nitials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
185		Search Report for United Kingdom application GB 0426273.9	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Application Number	10/725,140			
Filing Date	December 1, 2003			
First Named Inventor	Henry L. Restarick			
Art Unit	3672			
Examiner Name	Unassigned			
Attorney Docket Number	2003-IP-011683 U1USA			

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Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
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Substitute for form 14	449/PTO		Complete if Known			
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INFORMA	TION DIS	CLOSURE	Filing Date	December 1, 2003		
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Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AB		Office Action for serial number 10/253,671 dated November 17, 2004	
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

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Complete if Known					
Application Number	10/725,140	_			
Filing Date	December 1, 2003				
First Named Inventor	HENRY L. RESTARICK				
Group Art Unit	UNASSIGNED				
Examiner Name	UNASSIGNED				
Attomey Docket Number	2003-IP-011683 U1 US				

**U.S. PATENT DOCUMENTS** U.S. Patent Document Pages, Columns, Lines, Where Relevant Date of Publication of Name of Patentee or Applicant Cite Examine Kind Code Cited Document of Cited Document Passages or Relevant Initials' Number MM-DD-YYYY Figures Appear 5,318,122 MURRAY et al. 06-07-1994 COLLINS et al. 07-19-1994 5.330.007 6,253,846 NAZZAI et al. 07-03-2001 6,431,283 DALE 08-13-2002 FITCH et al. 01-16-1996 5,484,383 10-31-1995 GONDOUIN 5,462,120 03-02-1999 FORSYTH 5,875,847 02-09-1999 5,868,210 JOHNSON et al. HADDAD 03-09-1999 5,879,108 DONOVAN et al. 08-28-2001 6,279,658 SCHWENDEMANN 6.279.651 08-28-2001 MALONE 08-24-1999 5.941.308 GOODHART 03-03-1987 4,646,836 07-07-1992 STEWART 5,127,457 5,123,488 JENNINGS 06-23-1992 2003/0024700 CAVENDER 02-06-2003 08-22-2002 OHMER et al. 2002/0112857

				FORE	IGN PATENT DOCUMENT	rs		
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Examiner Initials	No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	Ţ6
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>8</sup> Applicant is to place a check mark here if English language Translation is attached.



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#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Comp	elet if Known
Application Number	10/725,140
Filing Date	December 1, 2003
First Named Inventor	HENRY L. RESTARICK ET AL.
Group Art Unit	UNASSIGNED
Examiner Name	UNASSIGNED
Attorney Docket Number	2003-IP-011683 U1 US

	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	L <sub>5</sub>			
		Halliburton Quick-Trip Valve sales presentation, undated				
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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2003-IP-011683 U1 US

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449A/PTO **Application Number** 10/725,140 INFORMATION DISCLOSURE Filing Date December 1, 2003 STATEMENT BY APPLICANT First Named Inventor Henry L. Restarick Unassigned Group Art Unit (use as many sheets as necessary) Examiner Name Unassigned

Attorney Docket Number

U.S. PATENT DOCUMENTS							
examiner	Cite No.¹	Mumber	nd Code <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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		6,354,375		Charles H. Dewey	03-12-2002		
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Initials"	No.1	Office <sup>3</sup>	Number <sup>4</sup>	(# known)	Applicant of Cited Document	MM-DD-YYYY	Passages or Relevant Figures Appear	Tg
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known				
Application Number	10/725,140			
Filing Date	December 1, 2003			
First Named Inventor	Henry L. Restarick			
Group Art Unit	Unassigned			
Examiner Name	Unassigned			
Attorney Docket Number	2003-IP-011683 U1 US			

				U.S. PATENT DOCU	JMENTS	
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Substitute for form 14498/PTO		Complete if Known			
				Application Number	10/725,140
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STATEMENT BY APPLICANT				First Named Inventor	Henry L. Restarick
				Group Art Unit	Unassigned
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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(use as many sheets as necessary)

Sheet 1 of

Complete if Known				
Application Number	10/725,140			
Filing Date	December 1, 2003			
First Named Inventor	Henry L. Restarick			
Group Art Unit	3672			
Examiner Name	Unassigned			
Attorney Docket Number	2002-IP-011683 U1 USA			

				U.S. PATENT DOCU	JMENTS	
Examiner Initials	Cite No.1	Number	Curnent (Ind Code <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ALB		6,615,920		Collins, et al.	09-09-2003	
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-latter code (MPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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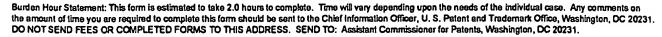
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Application Number	10/725,140	-			
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Group Art Unit	3672				
Examiner Name	Unassigned				
Attorney Docket Number	2003-IP-011683 U1 US				

	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS										
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	<b>T</b> 2								
Afs		Office Action for serial no. 10/253,136 dated January 5, 2004									
SKS		. Office Action for serial no. 10/253,324 dated March 30, 2004									
TH		International Search Report for application no. PCT/US03/26791									
Yes		International Search Report for application no. PCT/US03/26360									
HS		U.K. Search Report for application no. GB 0322266.8									

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Examiner nitials	Cite No.1	U.S. Patent Document  Kind Code <sup>3</sup> (# known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Cotumns, Lines, Where Relevant Passages or Relevant Figures Appear
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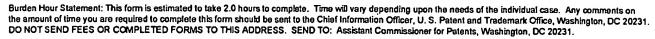
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				Application Number	10/725,140		
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STATEMENT BY APPLICANT				First Named Inventor	Henry L. Restarick		
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Sheet	2	of	2	Attorney Docket Number	2003-IP-011683 U1 USA		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS									
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²						
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